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0514836

## Waste Site Reclassification Form

<b>Date Submitted:</b> 9/10/1999	<b>Operable Unit(s):</b> 200-MW-1	<b>Control Number:</b> 99-083
<b>Originator:</b> R. Hudson	<b>Waste Site ID:</b> 209-E-W8-1	
<b>Phone:</b> 376-1454	<b>Type of Reclassification Action:</b> Rejected <input checked="" type="radio"/> Closed-Out <input type="radio"/> No Action <input type="radio"/>	

This form documents agreement among the parties listed below authorizing classification of the subject unit as rejected, closed-out, or no action and authorizing backfill of the site, if appropriate. Final removal from the NPL of no action or closed-out sites will occur at a future date.

**Description of current waste site condition:**

The unit is a french drain that is 1.2 meters (4 feet) in diameter and 2.4 meters (8 feet) deep. The unit is associated with the 209-E Critical Mass Laboratory. The unit is located at the northeast corner of the 209-E Critical Mass Building, office wing.

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EDMC

**Basis for reclassification:**

There is no visible piping. Drawing H-2-44301 indicates that there is a 2.5-centimeter (1-inch) underground pipe to the french drain, and that the french drain was used for the disposal of steam condensate. This site received steam condensate only. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

<u>Ami B. Sidpara</u>	<u>Ami B. Sidpara</u>	<u>1/19/00</u>
DOE Project Manager	Signature	Date
<u>Douglas R. Sherwood</u>	<u>Douglas R. Sherwood</u>	<u>1/25/00</u>
Ecology Project Manager	Signature	Date
<u>Douglas R. Sherwood</u>	<u>Douglas R. Sherwood</u>	<u>1/25/00</u>
EPA Project Manager	Signature	Date

# Waste Information Data System

## General Summary Report

10/20/1999

Site Code: 209-E-WS-1      Site Classification: Accepted      Page 1

Site Names: 209-E-WS-1, 209-E French Drain

Site Type: French Drain

Start Date:

Status: Inactive

End Date:

Operable Unit: 200-MW-1

Coordinates:

Hanford Area: 200E

(E) 574495.938

(N) 136347.156

Washington State Plane

Site Description: The unit is a french drain that is 1.2 meters (4 feet) in diameter and 2.4 meters (8 feet) deep.

Location Description: The unit is located at the northeast corner of the 209-E Critical Mass Building, office wing.

Process Description: There is no visible piping. Drawing H-2-44301 indicates that there is a 2.5-centimeter (1-inch) underground pipe to the french drain, and that the french drain was used for the disposal of steam condensate. This site received steam condensate only. Steam was produced from sanitary water that had been sent through a water softener system to remove minerals (calcium and magnesium). The treated water was introduced into boilers to produce steam. This steam was superheated before distribution to facilities for heating and process use. Disposal sites received steam condensate from the steam distribution lines. When used for heating purposes, this was a seasonal discharge. Non-regulated chemicals were added to dechlorinate the water, prevent scale, and control corrosion.

Associated Structures: The site was related to the 209-E Building.

Site Comment: There is no visible piping. Drawing H-2-44301 indicates that there is a 2.5-centimeter (1-inch) underground pipe to the french drain, and that the french drain was used for the disposal of steam condensate.

A radiological survey was performed at the site (bottom of the cover, side walls, and gravel) on September 29, 1999. No radiation above background was detected.

- References:
1. J. W. Schmidt, 2/1/93, WIDS Site Addition, site 209-E-WS-1.
  2. D. B. Erb, 4/1/93, French Drains Semi Works.
  3. D. B. Erb, 5/4/93, Semiworks Source Aggregate Area Management Study Report, DOE/RL-92-18.

### Dimensions:

Depth / Height:	2.44 Meters	8.00 Feet
Diameter:	1.22 Meters	4.00 Feet

References: 1. J. W. Schmidt, 2/1/93, WIDS Site Addition, site 209-E-WS-1.

### Regulatory Information:

#### Programmatic Responsibility

DOE Program:	EM-30	Confirmed By Program:	Yes
DOE Division:	WSD - Waste Storage Division		
Responsible Contractor/Subcontractor:	LMHC - Lockheed Martin Hanford Company		

#### Site Evaluation

Solid Waste Management Unit:	Yes
TPA Waste Management Unit Type:	Waste Disposal Unit

**Permitting**

RCRA Part A Permit:	No	216/218 Permit:	No
RCRA Part B Permit:	No	NPDES:	No
Closure Plan:	No	State Waste Discharge Permit:	No
TSD Number:		Septic Permit:	No
Air Operating Permit:	No	Inert Landfill:	No
Air Operating Permit Number(s):			

**Tri-Party Agreement**

Lead Regulatory Agency:	EPA
Unit Category:	CERCLA Past Practice (CPP)
TPA Appendix:	C

**Remediation and Closure**

Decision Document:  
Decision Document Status:  
Remediation Design Group:  
Closure Document:  
Closure Type:

Post Closure Requirements:

Residual Waste:

**Waste Information:**

Type:	Steam Condensate
Category:	Nondangerous/nonradioactive
Physical State:	Liquid
Description:	The unit received steam trap condensate and steam condensate.
References:	1. J. W. Schmidt, 2/1/83, WIDS Site Addition, site 209-E-WS-1. 2. Plot Plan and Piping Building 209E., H-2-44301, Sht 1.

**Images:**

Date Taken:	1/1/86
Pathname:	\\bh002\lead-img\200E\0320\0320_01.JPG
Description:	This photo shows the french drain and nearby valve pit. The date taken is estimated.